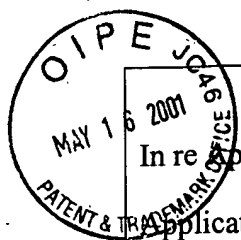


#7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of: David M. Mayes, et al.

Application No: 09/803,131

Filed: March 9, 2001

For: *Optical Probes and Methods for
Spectral Analysis*


Group Art Unit: None Assigned

Examiner: None Assigned

Atty. Docket: TXY-001.01

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that the foregoing document is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Box PGPUB Drawings, Commissioner for Patents, Washington, D.C. 20231, on this date of May 14, 2001.


William Botting

PETITION UNDER 37 C.F.R. § 1.182 FOR SUBMISSION OF REPLACEMENT
DRAWINGS FOR PUBLICATION

Box PGPUB Drawings
Commissioner for Patents
Washington, DC 20231

Sir:

The Applicants hereby submit 10 sheets of replacement drawings containing Figures 1 - 13 for the above-referenced application pursuant to 37 C.F.R. § 1.182. The Applicants request that the drawings previously submitted in this application be replaced with the drawings herein submitted for purposes of publication.

05/16/2001 TBESHAH1 00000089 09803131

01 FC:632

130.00 OP



**FOLEY
HOAG**
ATTORNEYS AT LAW



May 14, 2001

David A. Lane, Jr.
Boston Office
617.832.1197
dlane@foleyhoag.com

Box PGPUB Drawings
Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/803,131
Entitled: *Optical Probes and Methods for Spectral Analysis*
Filed: March 9, 2001
By: David M. Mayes, et al.
Our Ref: TXY-001.01

Dear Sir:

Enclosed for filing in the above-referenced patent application please find the following:

1. Petition Under 37 C.F.R. § 1.182 for Submission of Replacement Drawings for Publication (in duplicate);
2. Replacement Drawings (Figures 1 - 13, 10 sheets);
3. Check in the amount of \$130.00; and
4. Return Receipt Postcard.

The Commissioner is authorized to charge any under-payments or credit any over-payments to our Deposit Account No. 06-1448. A duplicate of this sheet is enclosed.

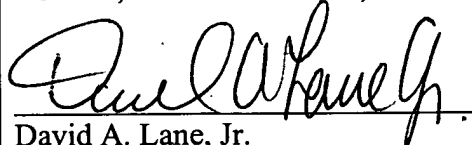
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May 14, 2001
Date


William Botting

Respectfully submitted,
FOLEY, HOAG & ELIOT, LLP

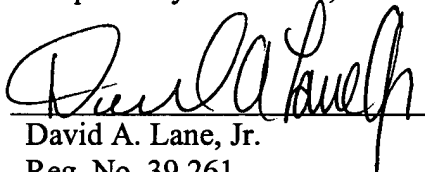


David A. Lane, Jr.
Reg. No. 39,261
Attorney for Applicants
Customer ID No. 25181

20/456592.1

Enclosed is a check in the amount of \$130.00 which covers the petition fee due under 37 C.F.R. § 1.17(h). Please charge any underpayments or credit any overpayments to our Deposit Account No. 06-1448. A duplicate of this sheet is enclosed. Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at 617-832-1000.

Respectfully Submitted,



David A. Lane, Jr.
Reg. No. 39,261
Attorney for Applicants

Date: May 14, 2001

Customer No: 25181

Patent Group

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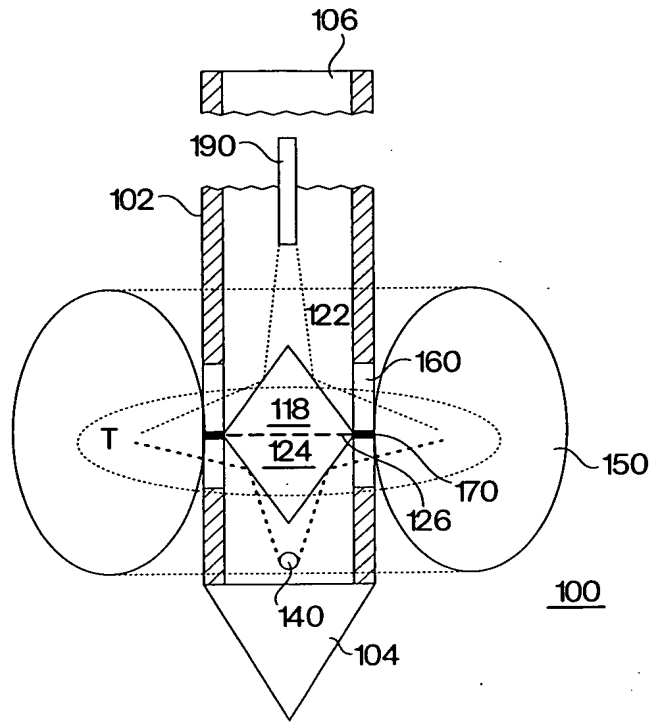


Fig. 1

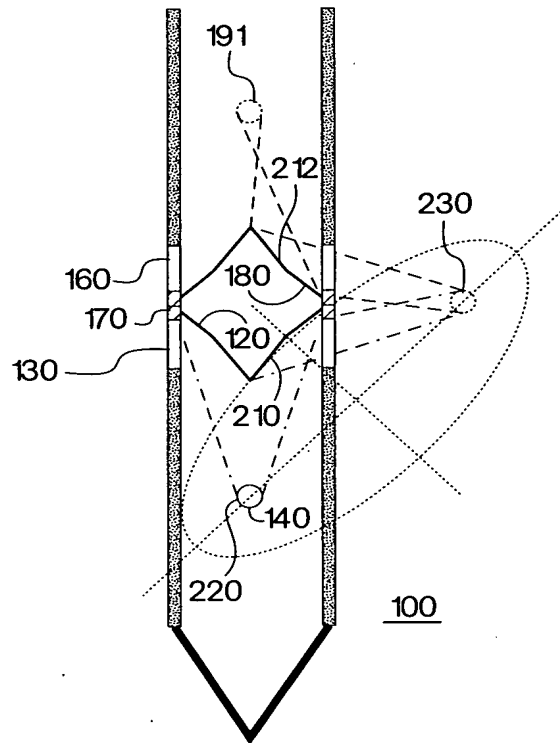


Fig. 2

FIG. 3

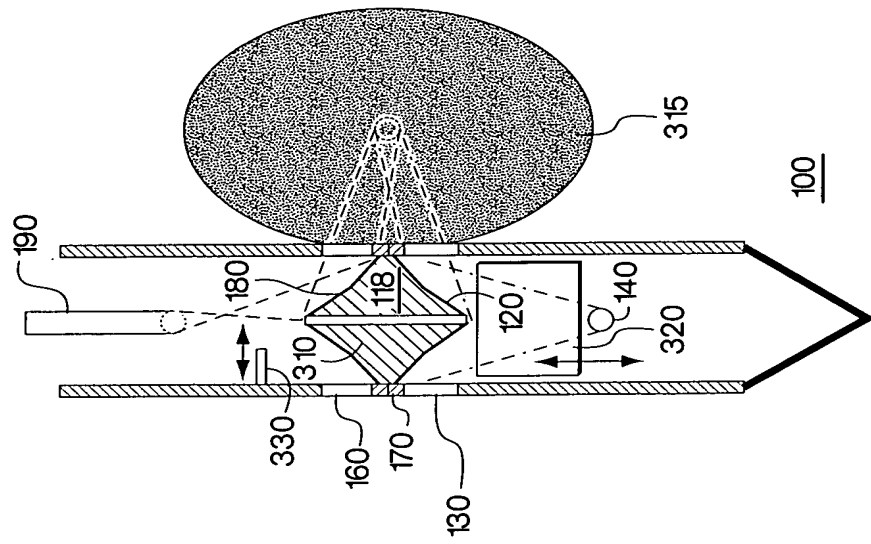


Fig. 3

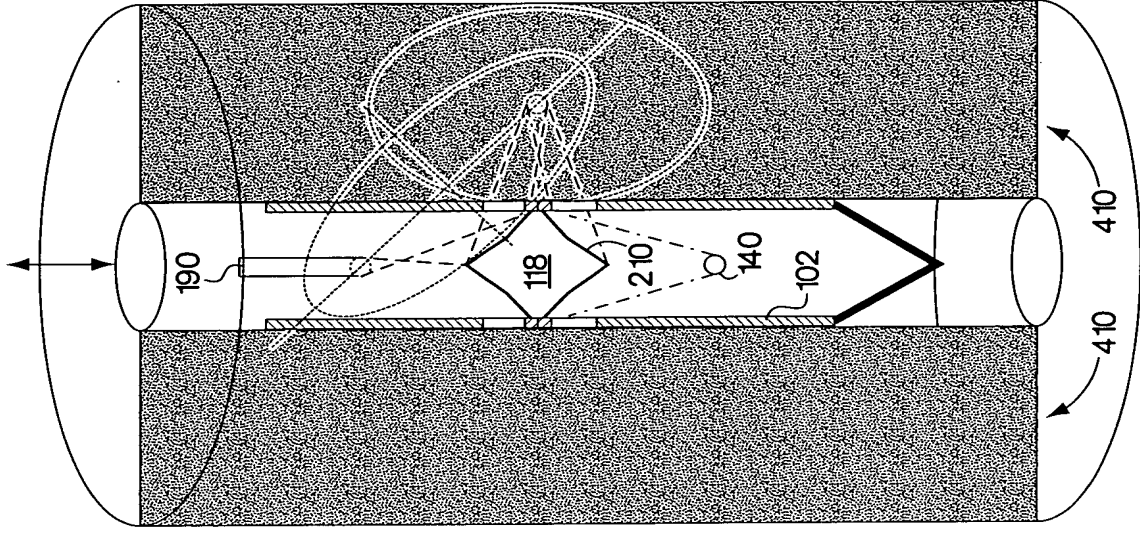


Fig. 4

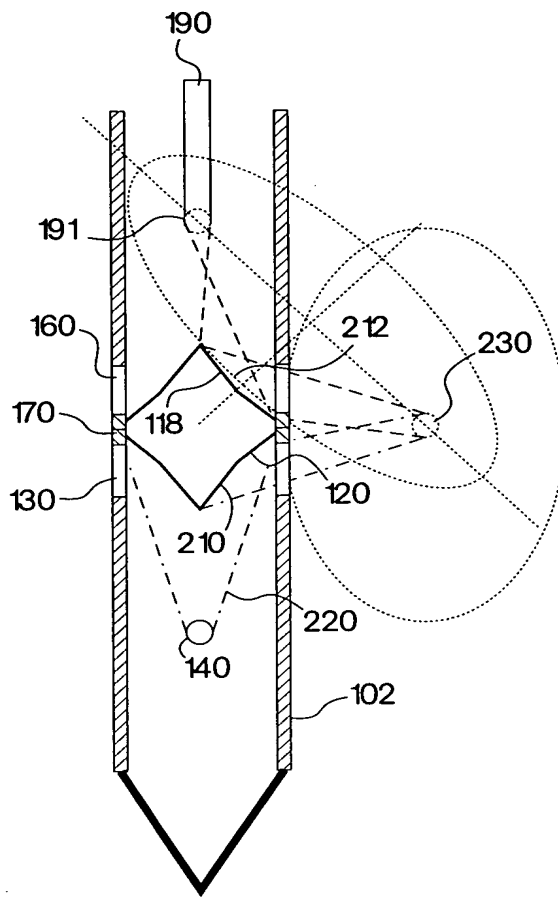


Fig. 5a

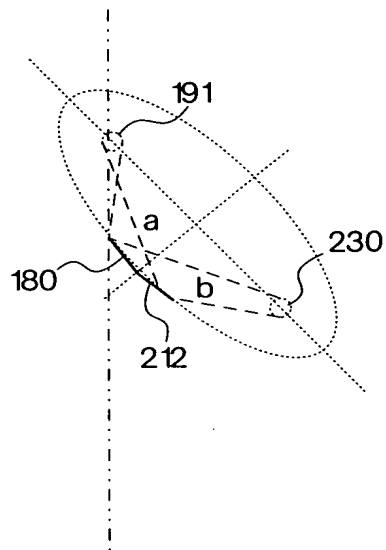


Fig. 5b

FIG. 5a

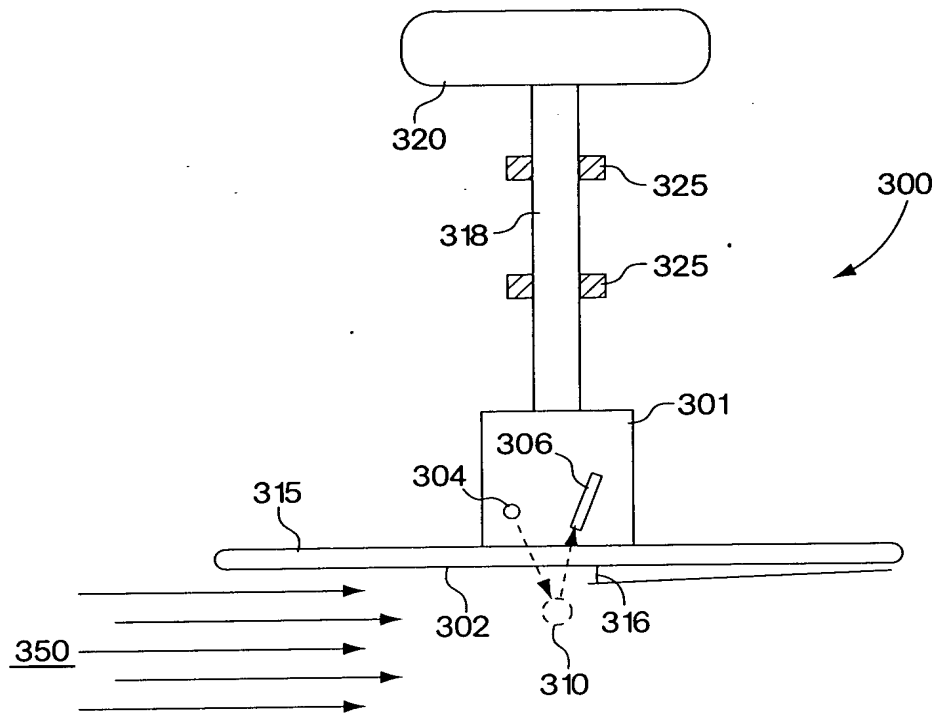


Fig. 6a

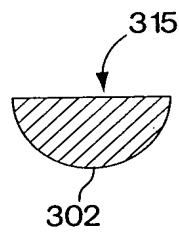


Fig. 6b

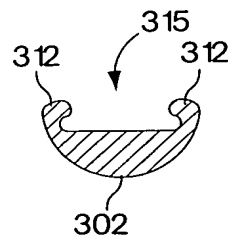


Fig. 6c

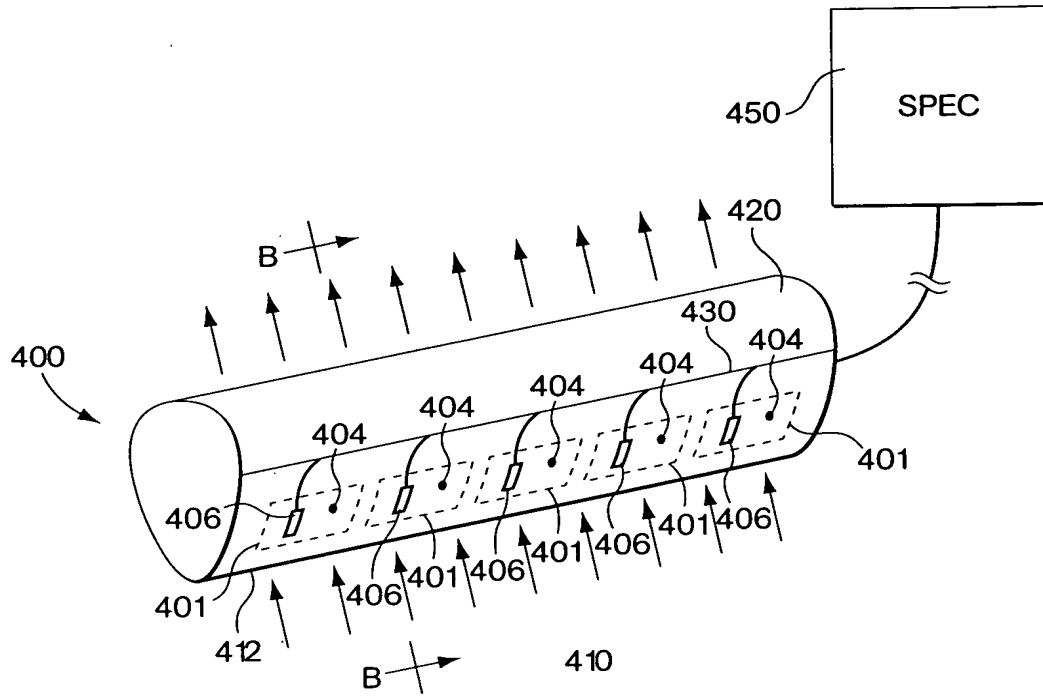


Fig. 7a

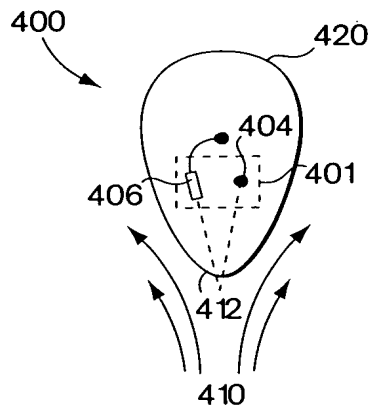


Fig. 7b

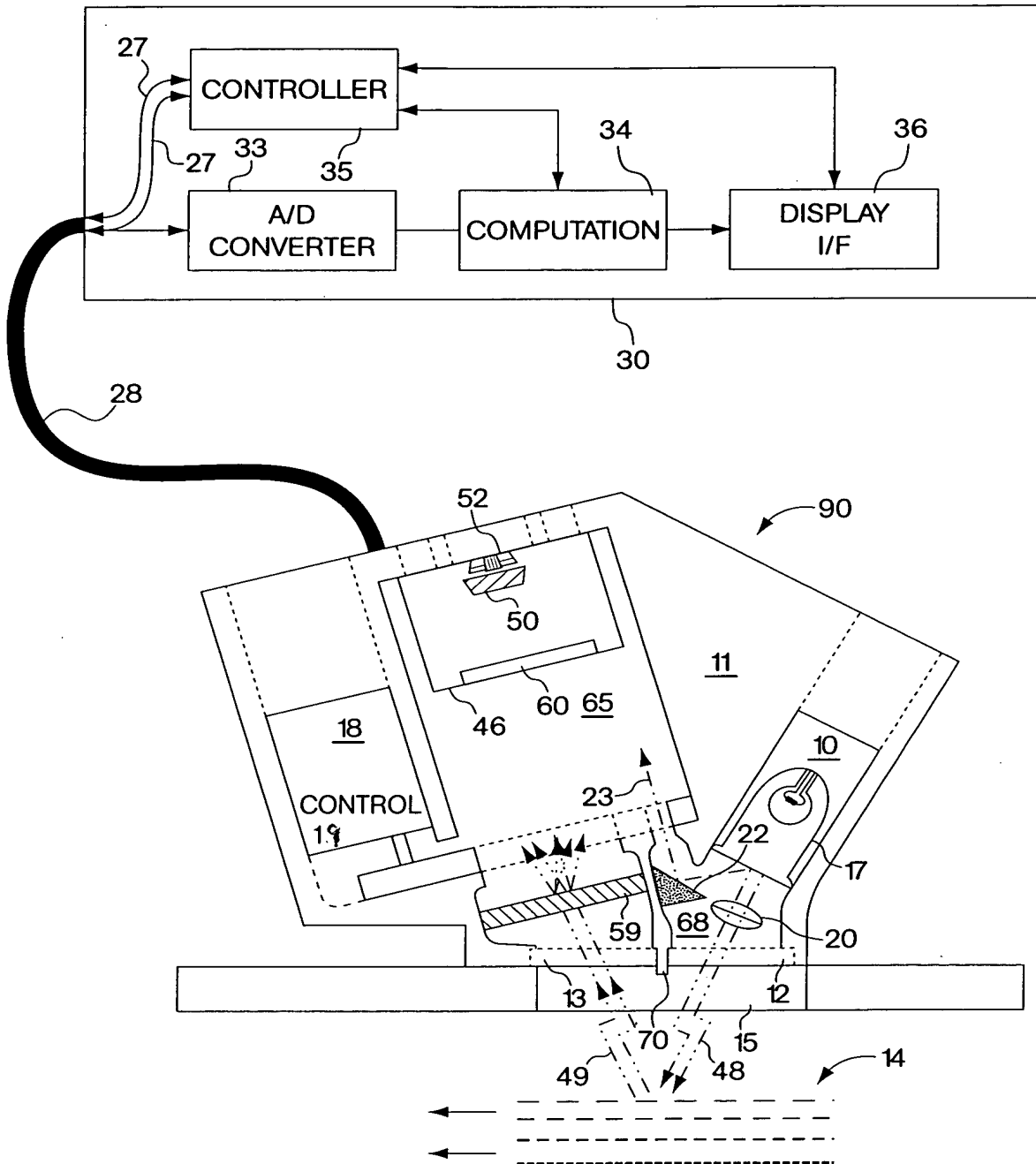


Fig. 8

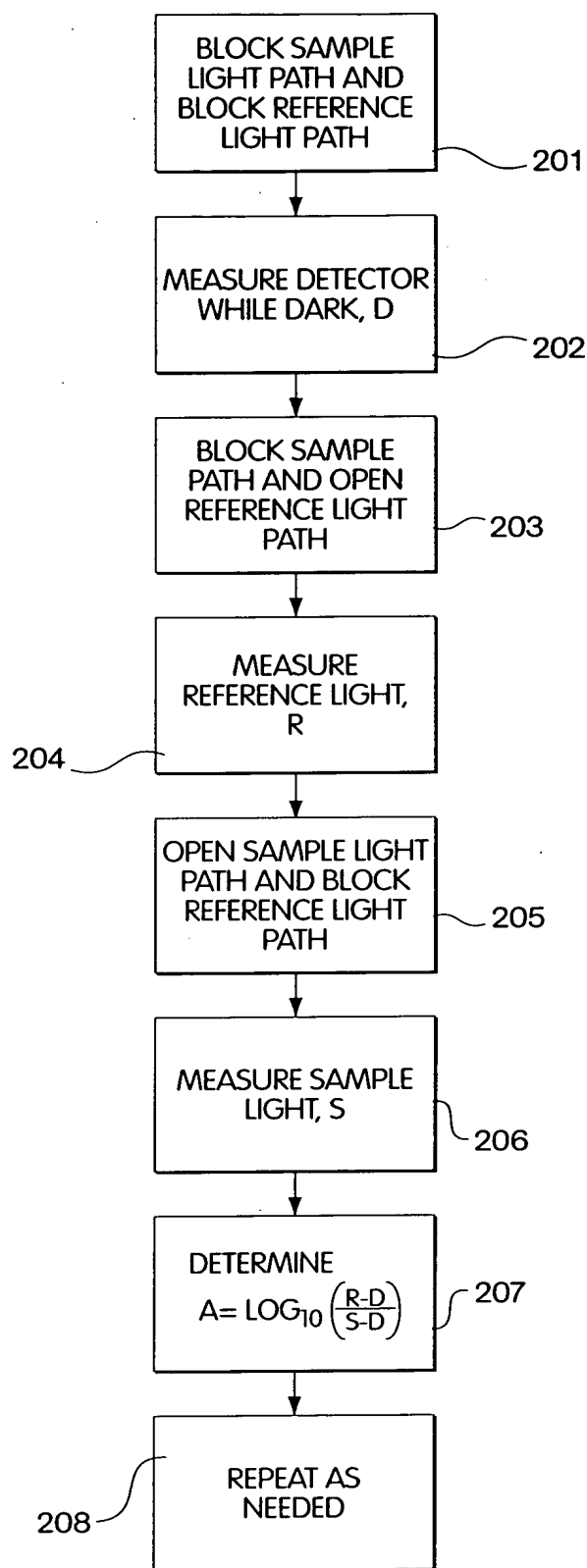


Fig. 9

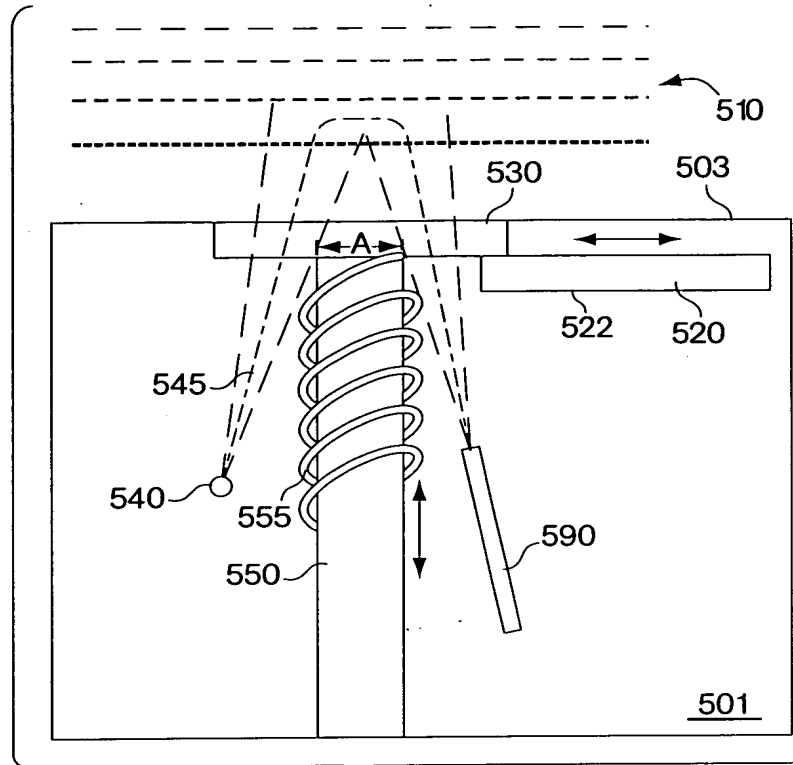


Fig. 10a

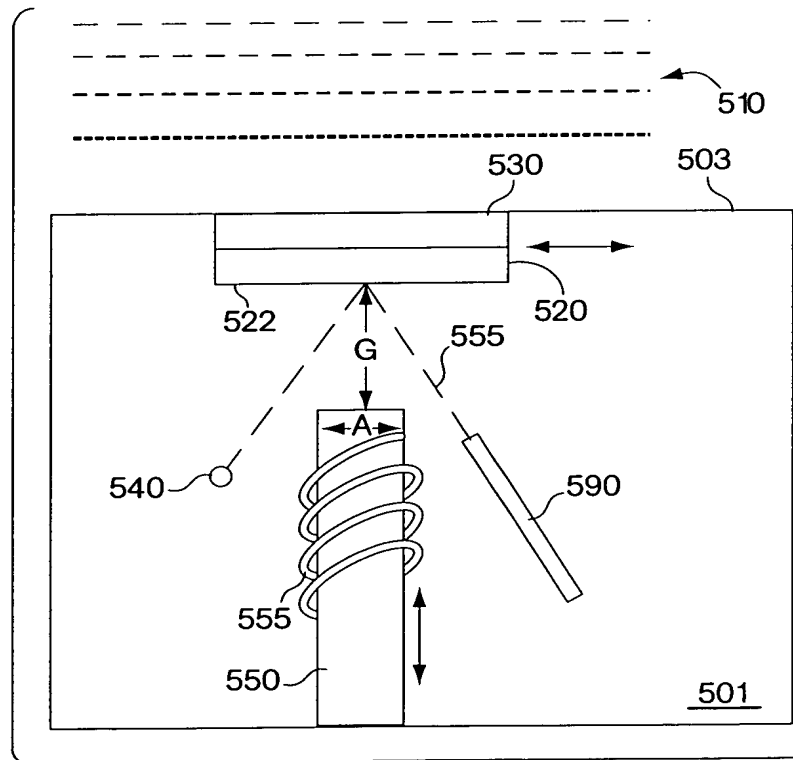


Fig. 10b

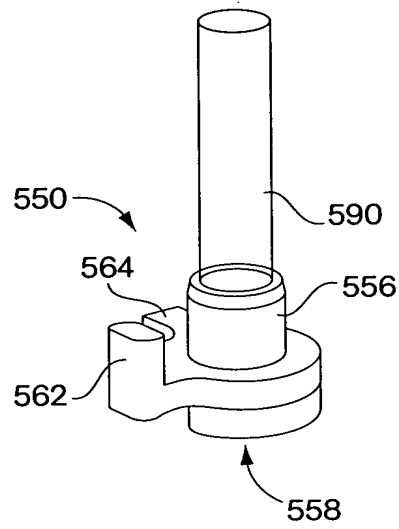


Fig. 11a

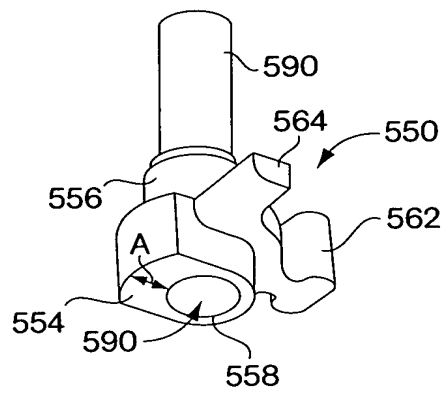


Fig. 11b

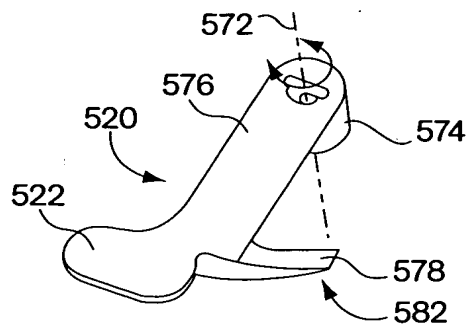


Fig. 12a

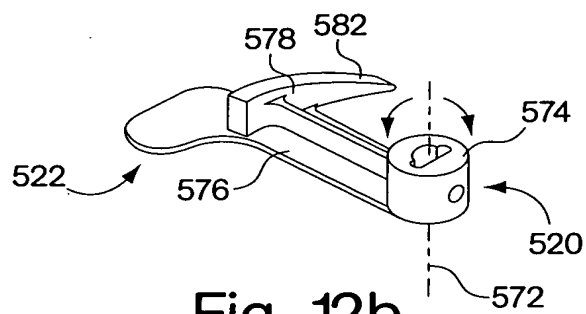


Fig. 12b

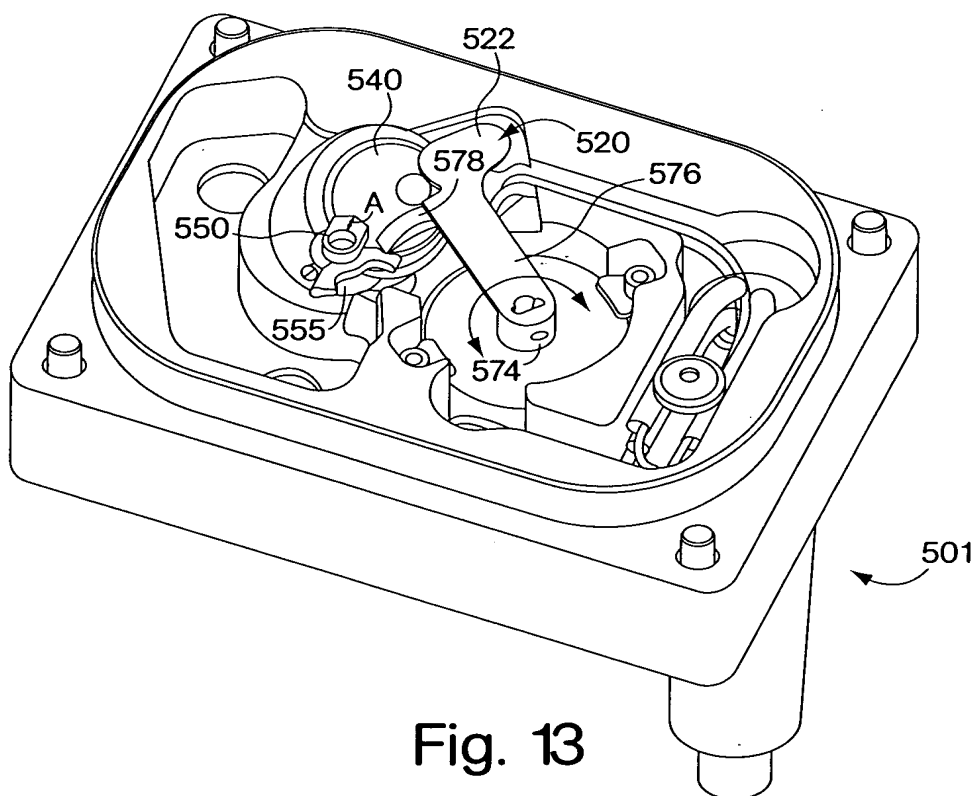


Fig. 13